

Cierra Koen

cierrakoen@gmail.com · meritpages.com/cierrakoen
(708)513-3151 · Chicago, IL 60626

EDUCATION

Computer Science, Bachelor of Science
Georgia State University, Honors College

Aug 2019 - Aug 2023
GPA: 3.5 (Cum Laude)

- President's List **(2)**
- Dean's List **(2)**
- Women's Leadership Program **(Fall 2019)**
- Panther Leap Leadership Program **(Spring 2020)**
- Digital Learners to Leaders **(Summer 2020)**

RELEVANT COURSES: Data Structures, Capstone, Operating Systems, Cloud Computing, and Calculus 2

SKILLS

- | | | | | |
|----------|--------------|--------------|-----------|-----------|
| • Java | • PHP | • Git | • MySQL | • Shell |
| • Python | • JavaScript | • Flask | • MongoDB | • MariaDB |
| • C | • HTML/CSS | • Amazon AWS | • Linux | • GCP |

PROJECTS

Hotel Cancellation Predictor

- Conducted an extensive evaluation of 13 different machine learning algorithms on various training and test splits, utilizing metrics such as accuracy, precision, recall, and f1-score to determine the best-performing model, contributing to the project's overall success in predicting hotel cancellations.

Study Buddy

- Successfully employed the Scrum framework to develop a dynamic web application that facilitates user logins and connects them with study partners or groups based on shared interests deployed on Socket.io.
- Demonstrated agile project management skills by integrating the Google sign-in API and implementing a sophisticated matchmaking quiz feature, utilizing a Mongo Database.

Front End Fundamentals

- Mastered HTML, CSS, PHP, JavaScript, and MariaDB SQL through diverse web development projects.
- Completed projects including personal webpages, a movie review site, a dating site, a puzzle game, and a business dashboard, demonstrating strong front-end development skills.

Learning C and Bash

- Developed diverse C programs for file handling, data conversion, and text manipulation tasks, enhancing my system-level programming skills.
- Created Bash scripts to automate tasks such as command lookup, arithmetic operations, and phonebook management, demonstrating proficiency in shell scripting.

PROFESSIONAL EXPERIENCE

Global Technology Intern

Jun 2022 - Aug 2022

Nike Inc., Beaverton, OR

- Developed Machine Learning model for understanding athletes run data using the Nike Running Club app.
- Researched TensorFlow, XGBoost, and AWS for precise model predictions, advancing Nike's tech solutions.

EXTRACURRICULAR ACTIVITIES

Vice President

Jan 2022 - Aug 2023

Programming Club at GSU

- Coordinated coding events and data structure review sessions, fostering an interactive learning environment, fostering an interactive learning environment for students.
- Demonstrated strong leadership by effectively leading committee members to secure funding and attain official club status from Georgia State University.